

reacted with a DMT protected nucleotide phosphoramidite in acetonitrile, using a modified Applied Biosystems Inc. (ABI) DNA synthesizer. This coat / expose / strip process was repeatedly used to build a polynucleotide of the sequence 5'-CATTACAGC-3' (SEQ ID NO:1).

The resulting polynucleotide was deprotected with ethanolamine – ethanol (1:1 v/v, 18 h) and then hybridized to a fluorescent labeled target containing the complementary sequence 5'-GCTGTAAATG-3' (SEQ ID NO:2).